

ABSTRACT OF THE DISCLOSURE

A fingerprint image acquisition apparatus of the present invention includes fingerprint sensing device
5 unit, a CCD device unit, and an image processing unit, the image processing unit comprising: an A/D converting unit for converting and outputting the fingerprint image outputted from the CCD device unit into a digital signal; an image buffer for storing the digital signal
10 from the A/D converting unit; a controller for watching a state of the image buffer, i.e., whether the fingerprint image is inputted and stored to the image buffer, and storing the fingerprint image to a video memory if the storage of the fingerprint image is
15 confirmed; a process executed by the controller, for dividing the fingerprint image into a plurality of unit blocks with a predetermined size; and a process executed by the controller, for dividing the fingerprint image as a center region and a peripheral region, each including
20 a predetermined number of unit blocks, and subdividing the unit block of the center region into at least two or more subdivided blocks.